

LeRoy, Bruce J - DNR (BJ)

From: LeRoy, Bruce J - DNR (BJ)
Sent: Wednesday, July 31, 2019 3:40 PM
To: jkolodziej@co.door.wi.us
Subject: Door County Salt Storage Facility Update

Categories: Track

John,

Thanks for submitting your semiannual update. This is the time of year I review all my cases for compliance and direction. In reviewing your case, here's what I see.

- You stopped the addition of new contamination by building a new storage facility.
- You cleaned up the salt by removing soil in the former storage area.
- You sampled a fair number of private wells and determined that three were affected.
- You replaced two of the affected wells.
- Sodium is not a regulated compound in Wisconsin; it's only an indicator of potential water quality issues.
- Chloride is a regulated compound, with an Enforcement Standard of 250 mg/L.
- I don't see that we have a formalized sampling plan, or a clear direction of how to move toward closure.
- I'm not sure how the private resident is being kept informed of progress.

Questions;

- Why did chloride monitoring stop at the lone remaining well?
- Is that well being used for drinking water purposes?
- Are you getting any consulting help with this issue? I read OMNI's 2009 report, but I don't see any decisions that came after that regarding the case direction.

To close this case, we need to define the nature and extent of contamination, and ensure we're being protective. I think we have the nature (concentration) fairly well understood. We can make a reasonable guess at the extent based on previous sampling, and the current affected well. I don't know if either of those are well enough defined to get to closure. Of course we need the chloride to at least be below 250 off-site. I'm also not sure if we are being protective of the well owner, or of future residents, so that's something that we need to figure out.

If you could let me know about the questions, then I can discuss further with my closure committee. I'd like to move us toward ending this case if there is a way we can do it. I'll put a note on my calendar for 30 in the future if I haven't heard from you.

Thanks John.

BJ

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Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

B.J. LeRoy, PG

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-----Original Message-----

From: DNRNR700Reporting@wisconsin.gov <DNRNR700Reporting@wisconsin.gov>
Sent: Wednesday, January 2, 2019 9:54 AM
To: jkolodziej@co.door.wi.us
Cc: LeRoy, Bruce J - DNR (BJ) <bruce.leroy@wisconsin.gov>
Subject: WDNR NR700 Semi-Annual Report Confirmation

Thank you for submitting your NR700 semi-annual progress report. The DNR Project Manager for this site has been notified of your report submittal. If final case closure has not been granted for this Activity before the next reporting period, you will receive a system-generated email reminder and link to report for the next period.

The contents of your report is included below for your records:

Report ID: 1901554088518253
BRRTS No.: 02-15-554088
PECFA No: --
Activity Name: DOOR CNTY HWY SALT STORAGE FACILITY
Address: 10363 STH 57, SISTER BAY
Reporting Period: 7/1/2018 - 12/31/2018

Submitted On: 01/02/2019

Submitter Role: Responsible Party

Status: Remediation: Sampling/Monitoring

Comments:

Sodium sample and bacteriological test taken at 10397 Highway 57 in 2018.

Bacteriological tests were negative. Sodium was at 175 mg/l.

This is the only remaining well that we continue to monitor, because the other two wells were replaced with new deep water wells. (At 10392 Northwoods Drive and 10363 STH 57)

We were pleased to see the Sodium levels drop to 175 mg/l which were at levels of 487 mg/l in 2015.

The established goal of being below the EPA Secondary Maximum Contaminant Level (SMCL) of 250 mg/l, was met at the last sampling.

We would like to see at least two consecutive tests to be below this level, and plan on taking another sample in the summer of 2019.

PECFA Eligible? No